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INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY (Chapter II of the Patent Cooperation Treaty)

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	(PCT Article	e 36 and Rule 7	orgytog h's	10 400
Applicant's or agent's file reference PCTF173	FOR FURTHER A		See Form PCT/IPEA/4	19 APR 2
International application No. PCT/JP2003/013475	International filing da 22 October 200	tte (day/month/year) 03 (22.10.2003)	Priority date (day/mor	nth/year) 02 (22.10.2002)
International Patent Classification (IPC) or n C08L 67/04, C08K 5/10, 5/29	ational classification an	nd IPC	L	
Applicant	MITSUBISHI PI	LASTICS, INC.		
This report is the international prelin Authority under Article 35 and trans	ninary examination repo	ort, established by this according to Article 36	International Prelimina	ry Examining
Administrative Instruction Administrative Instruction Administrative Instruction Administrative Instruction Administrative Instruction Administrative Instruction Administrative Instruction	ription, claims and/or draining rectifications autostructions). Presede earlier sheets, but sure in the international contains and Bureau only) a temporary containdicated in the Supplements).	rawings which have be thorized by this Authorized by this Authority t which this Authority l application as filed, a otal of (indicate typning a sequence listing to the control of the co	cen amended and are the rity (see Rule 70.16 and considers contain an are indicated in item 4 or the and number of elements and number of elements.	mendment that goes f Box No. I and the ectronic carrier(s))
Box No. IV Lack of unity o Box No. V Reasoned states citations and ex Box No. VI Certain docume Box No. VII Certain defects	nent of opinion with reg of invention ment under Article 35(2 oplanations supporting s	2) with regard to novels uch statement lication	ve step and industrial ap	
Date of submission of the demand		Date of completion of	this report	
15 April 2004 (15.04.20	004)	30 J	uly 2004 (30.07.20	04)
Name and mailing address of the IPEA/JP		Authorized officer	· · · · · · · · · · · · · · · · · · ·	
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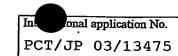


INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No. PCT/JP2003/013475

Box No	I .	Basis of the report		
1. With other	regard wise in	rd to the language, this report is based on the indicated under this item.	international application in the language	ge in which it was filed, unless
	This which	is report is based on translations from the or ich is language of a translation furnished for t	riginal language into the following land he purpose of:	nguage,
		international search (under Rules 12.3 and	23.1(b))	
İ		publication of the international application	(under Rule 12.4)	
		international preliminary examination (und	er Rules 55.2 and/or 55.3)	
jurnii	re not	rd to the elements of the international app to the receiving Office in response to an invi- of annexed to this report):	tation under Article 14 are referred to	placement sheets which have been on this report as "originally filed"
		international application as originally filed/fu	imished	
		description:	1.40	
	pages	· · · · · · · · · · · · · · · · · · ·	1-49	, as originally filed/furnished
	pages		received by this Authority on received by this Authority on	
		claims:		
	pages		2.9	
	pages		3-8	, as originally filed/furnished with any statement) under Article 19
	pages		received by this Authority on	22 July 2004 (22.07.2004)
	pages		received by this Authority on	22 July 2004 (22.07.2004)
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لبا	a scq	quence listing and/or any related table(s) - see	s Supplemental Box Relating to Sequer	nce Listing.
3	The a	amendments have resulted in the cancellation	of:	
		the description, pages		
		the claims, Nos.		
	Ш	the drawings, sheets/figs		
	Ш	the sequence listing (specify):		
		any table(s) related to sequence listing (spec	cify):	
4.	(Rule	report has been established as if (some of) e, since they have been considered to go be 70.2(c)). the description, pages	eyond the disclosure as filed, as indi	t and listed below had not been cated in the Supplemental Box
		the claims, Nos.		
		the drawings, sheets/figs		
		the sequence listing (specify):		
		any table(s) related to sequence listing (spec		
		,	·9 <i>y</i> /·	
* If iten	ı 4 app	plies, some or all of those sheets may be mar	ked "superseded."	

INTERNATIONAL PRELIMINARY EXAMINATION REPORT



V .	Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

	chations and explanations support	ing such statement		
1.	Statement			
	Novelty (N)	Claims	1-14	YES
		Claims		NO
	Inventive step (IS)	Claims	1-14	YES
		Claims		NO
	Industrial applicability (IA)	Claims	1-14	YES
		Claims		NO

2. Citations and explanations

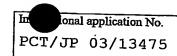
Document 1: JP 2002-128918 A (Mitsubishi Plastics, Inc.), 9 May 2002

Claims 1-8

The inventions set forth in claims 1-8 involve an inventive step relative to document 1, cited in the international search report.

Document 1 does not disclose a resin composition containing (1) (A) a lactic acid resin and (B) an aromatic-aliphatic polyester having a glass transition temperature (Tg) of 0°C or less and a heat of crystal fusion (ΔHm) of 5-30 J/g, and an aliphatic polyester, other than a lactic acid resin, which has a glass transition temperature (Tg) of 0°C and a heat of crystal fusion (Δ Hm) of 5-30 J/g, or (2) containing (C) an aliphatic polyester other than a lactic acid resin, which has a glass transition temperature (Tg) of 0°C and a heat of crystal fusion (ΔHm) of 50-70 J/g in addition to (A) a lactic acid resin and (B) an aromatic-aliphatic polyester having a glass transition temperature (Tg) of 0°C or less and a heat of crystal fusion (ΔHm) of 5-30 J/g) and/or an aliphatic polyester, other than a lactic acid resin, which has a glass transition temperature (Tg) of 0°C and a heat of crystal fusion (ΔHm) of 5-30 J/g; and these inventions

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are not obvious to a person skilled in the art.

Claims 9-14

The inventions set forth in claims 1-14 involve an inventive step relative to document 1, cited in the international search report.

Document 1 does not disclose a resin composition which contains an inorganic filler with an average particle size of 1-5 μ m, a carbodiimide compound, an ester compounds having a molecular weight in the range 200-2000 or a concealment improver having a refractive index of 2.0 or more, in addition to (A) a lactic acid resin and (B) an aromatic-aliphatic polyester having a glass transition temperature (Tg) of 0°C or less and a heat of crystal fusion (Δ Hm) of 5-30 J/g, or an aliphatic polyester, other than a lactic acid resin, which has a glass transition temperature (Tg) of 0°C and a heat of crystal fusion (Δ Hm) of 5-30 J/g.



INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

PCT/JP2003/013475

	A 12 ==					
	Application No. Patent No.	Public (day/m	cation date conth/year)	Filing date (day/month/year))	Priority date (valid clain (day/month/year)
	JP 2003-261756 A	19 September	r 2003 (19.09.2003)	07 March 2002 (07.	 03 2002)	
	[EA]		,,	o, 1,2mon 2002 (07.	03.2002)	
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 1-W	ritten disclosures (Rule Kind of non-written d		Date of non-writ	en disclosure	referring to	written disclosure
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n-w			Date of non-write (day/mont	en disclosure h/year)	referring to	non-written disclosure
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